

FIG. 1

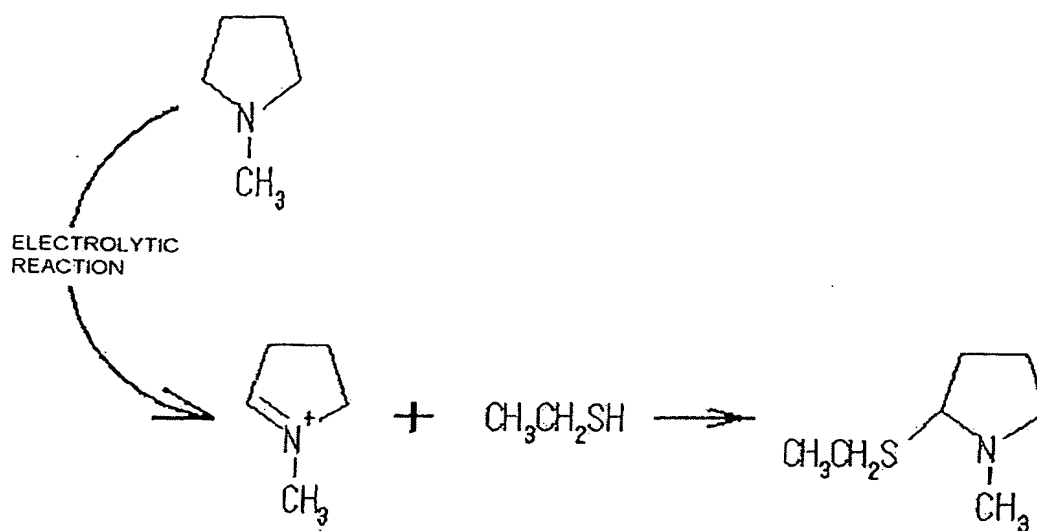


FIG. 2

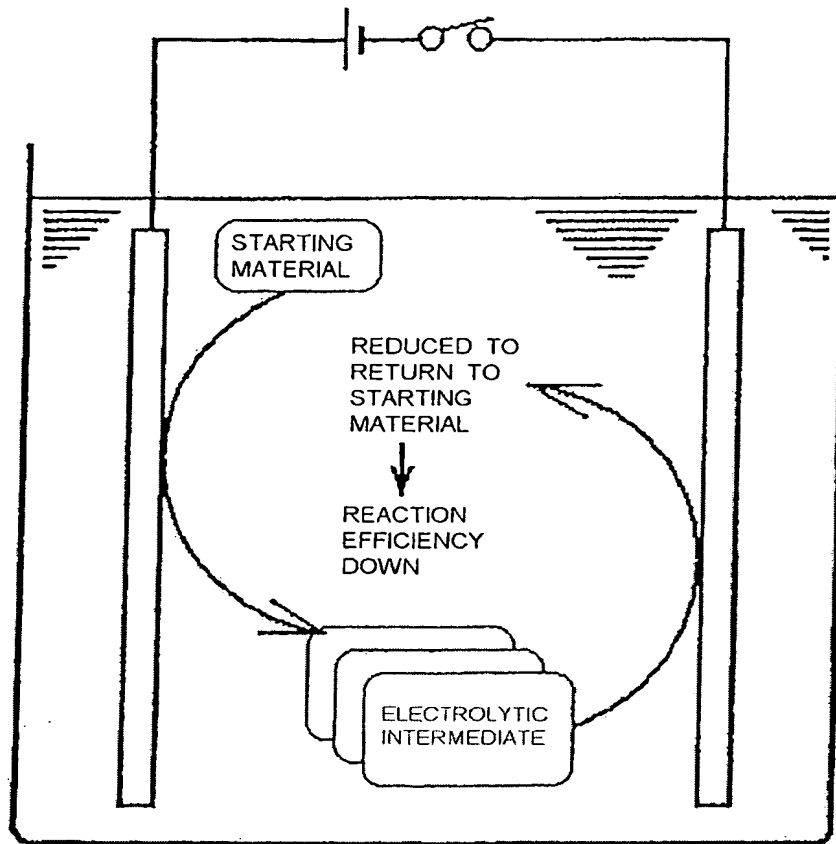


FIG. 3

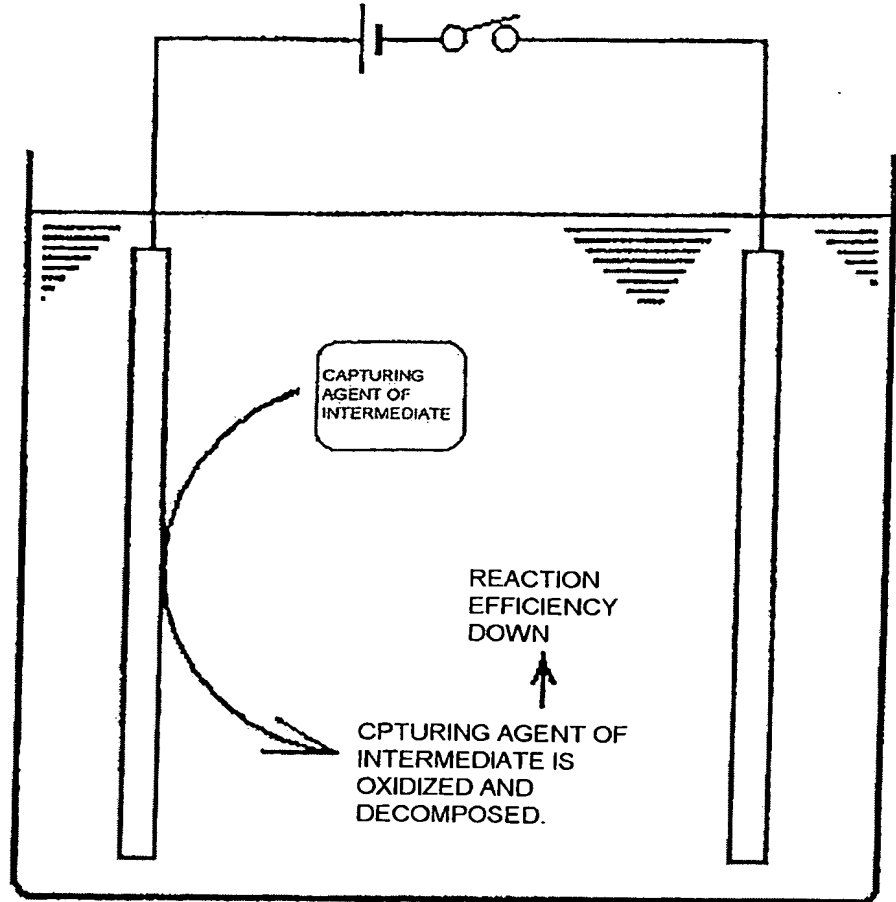


FIG. 4

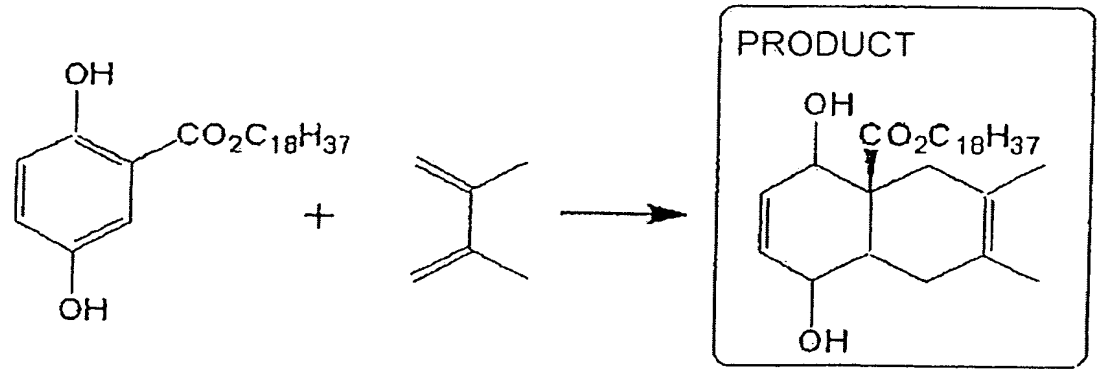


FIG. 5

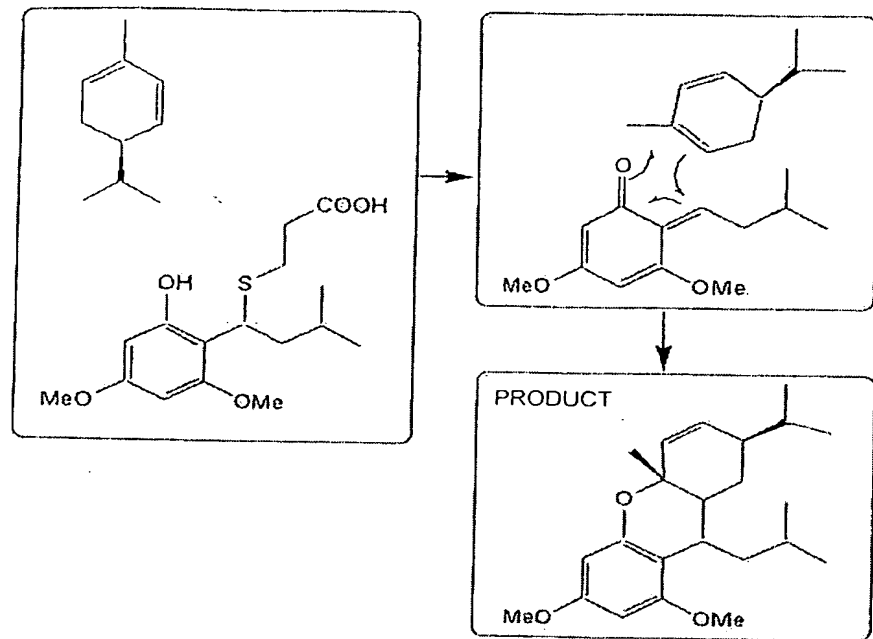


FIG. 6

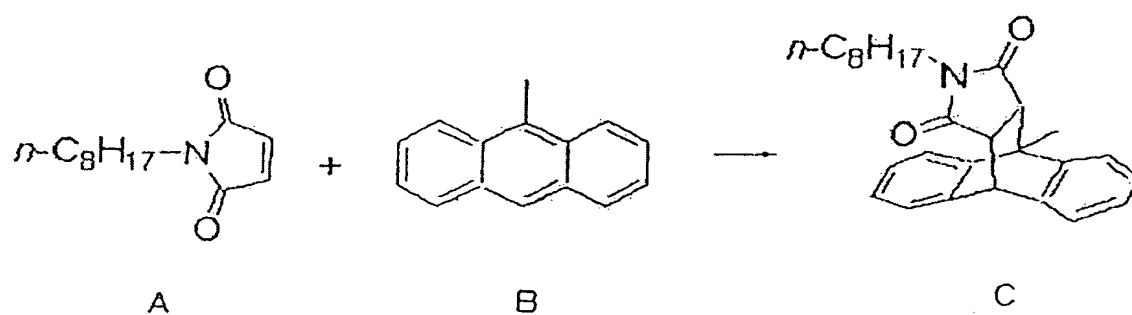


FIG. 7

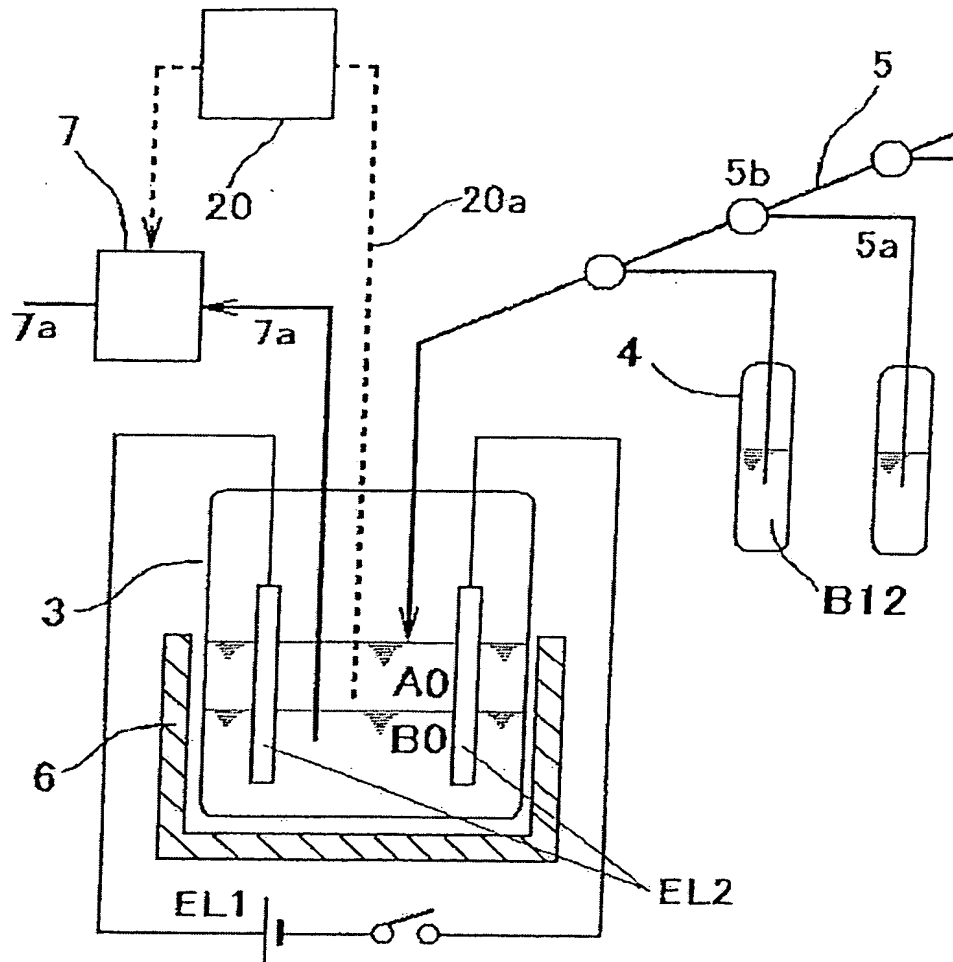


FIG. 8



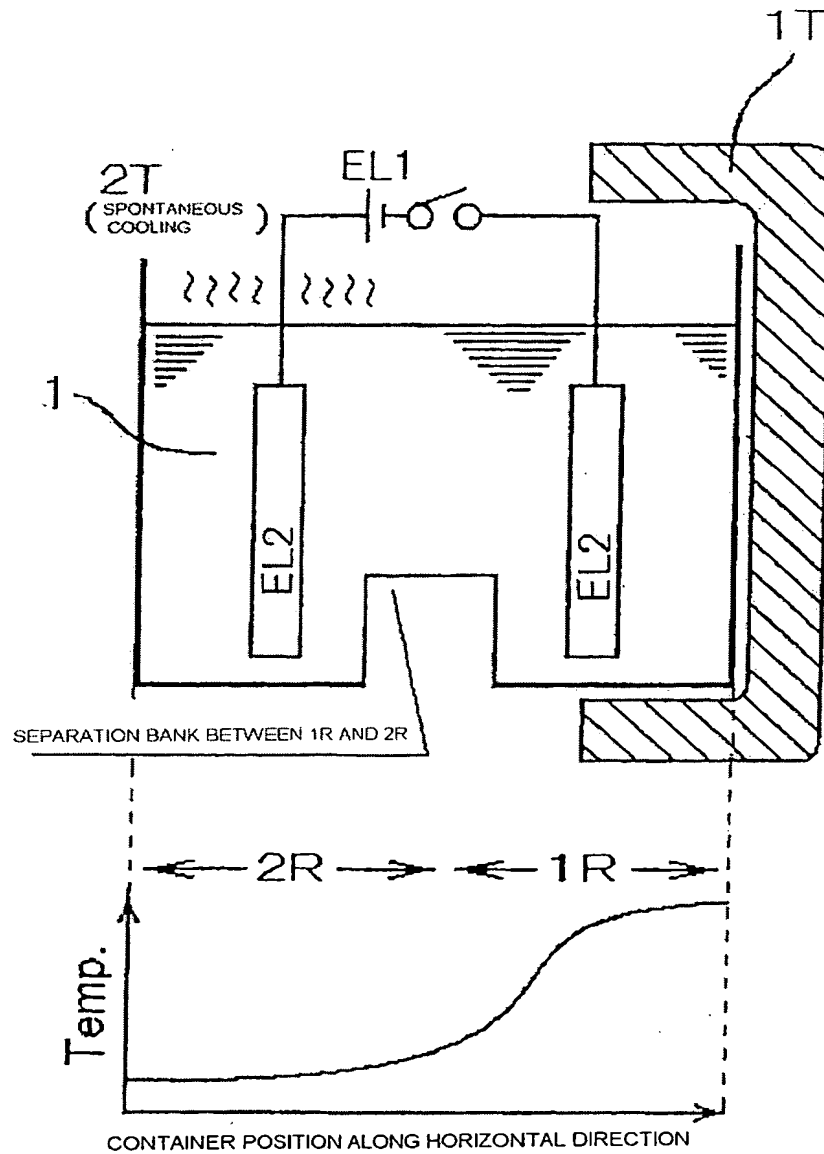


FIG. 10

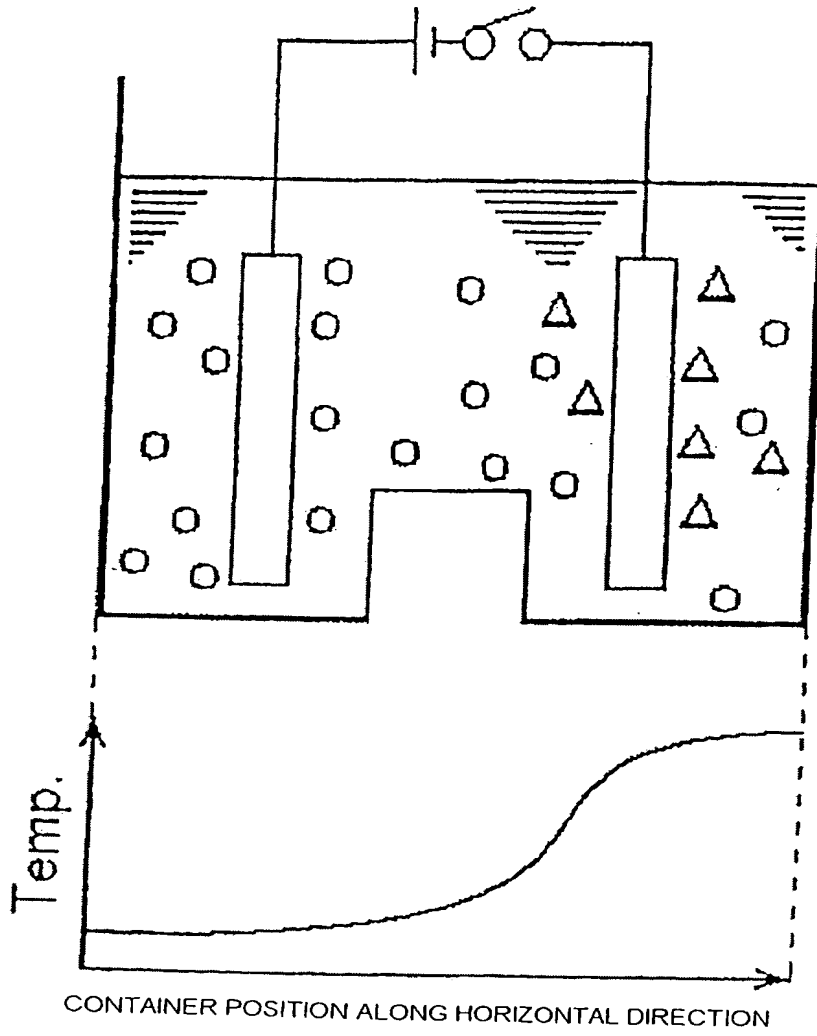


FIG. 11

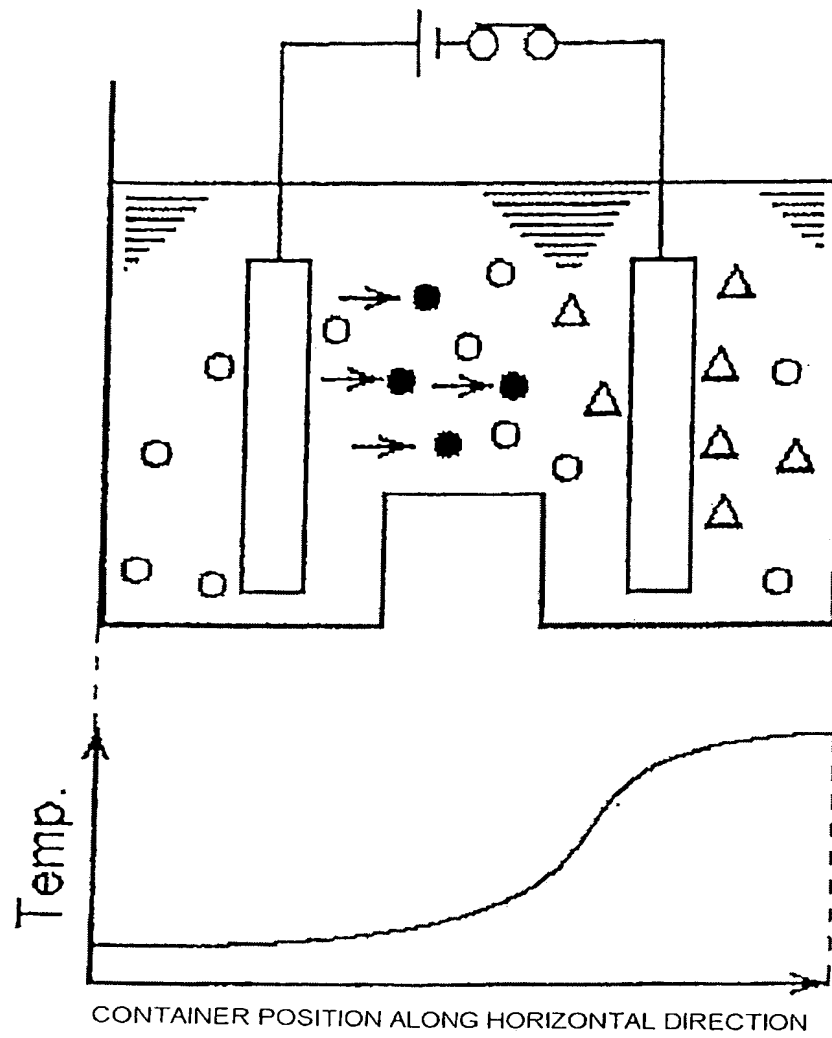


FIG. 12

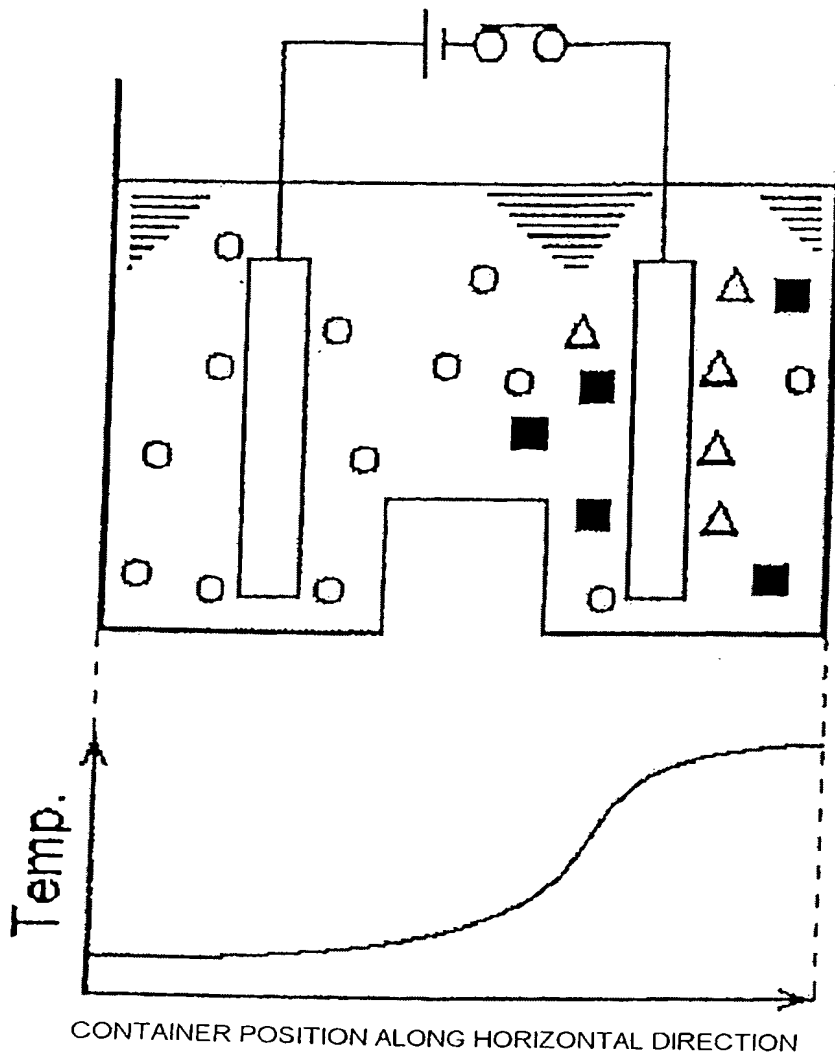


FIG. 13

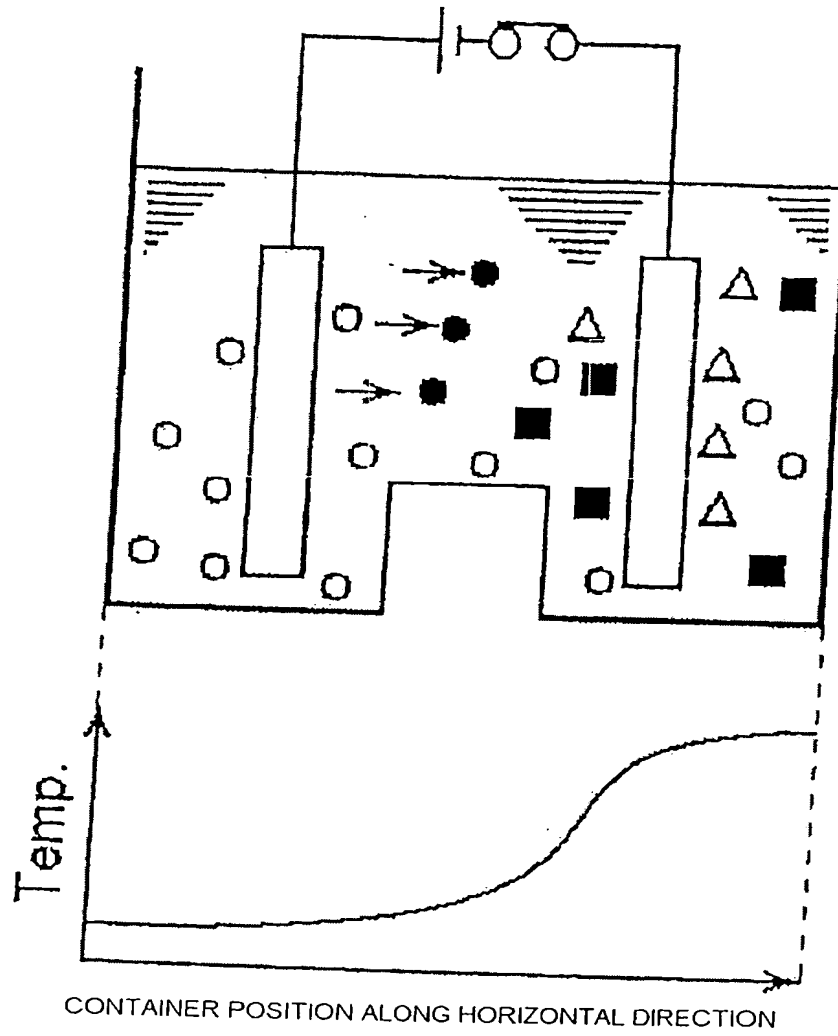


FIG. 14

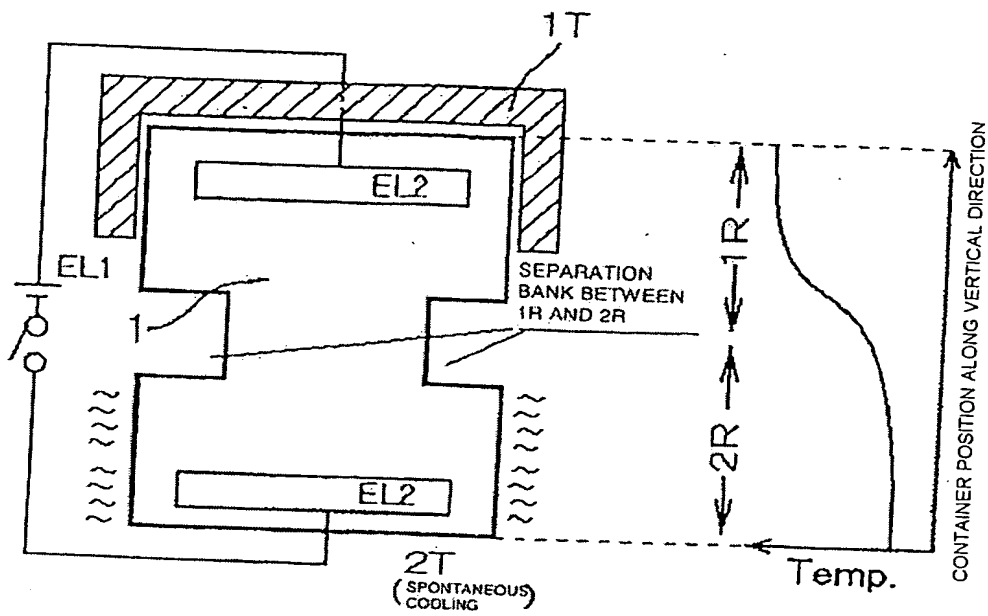


FIG. 15

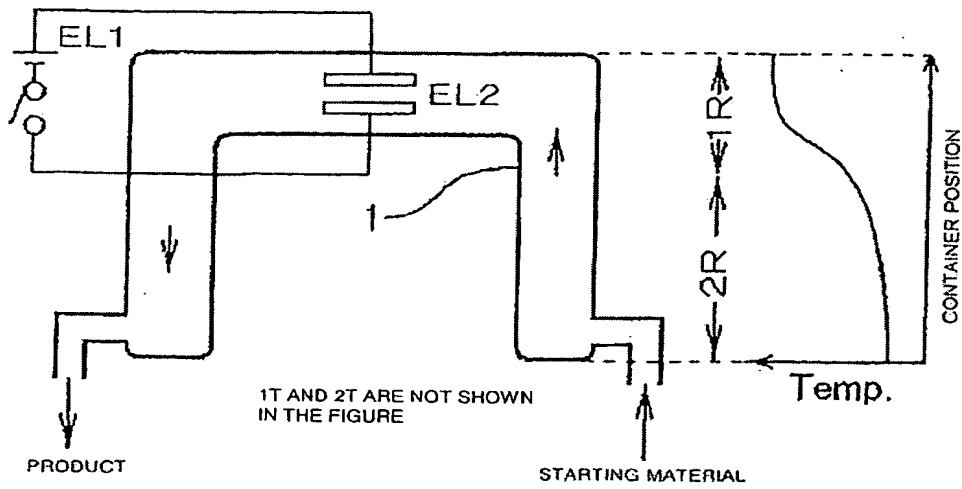


FIG. 16

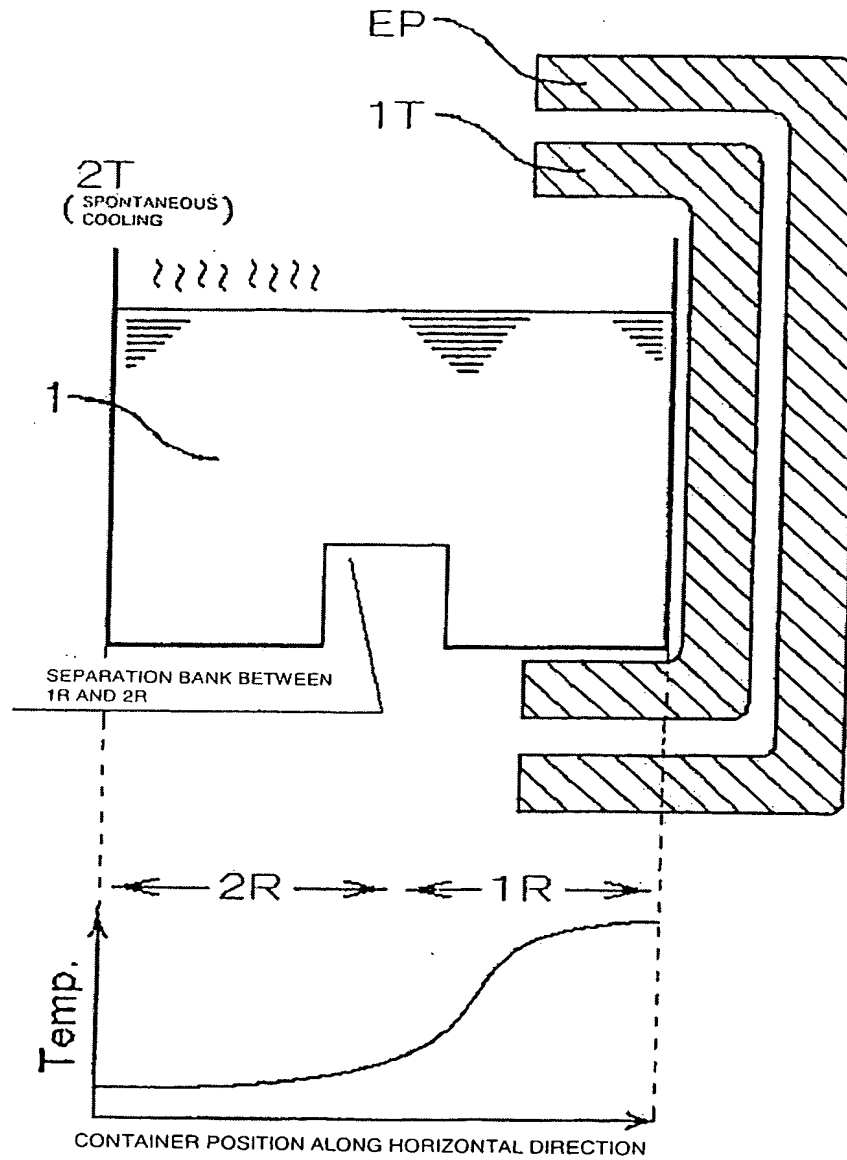


FIG. 17

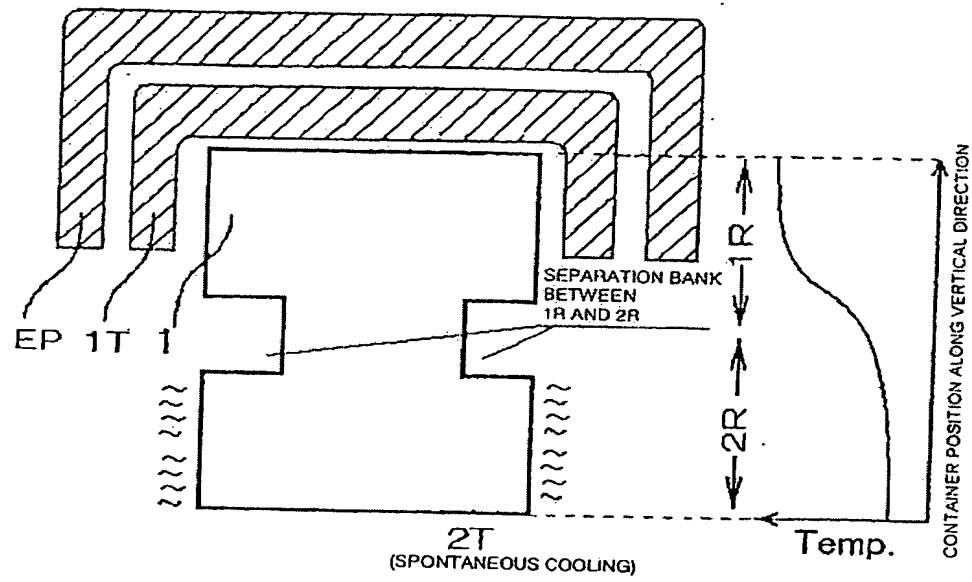


FIG. 18

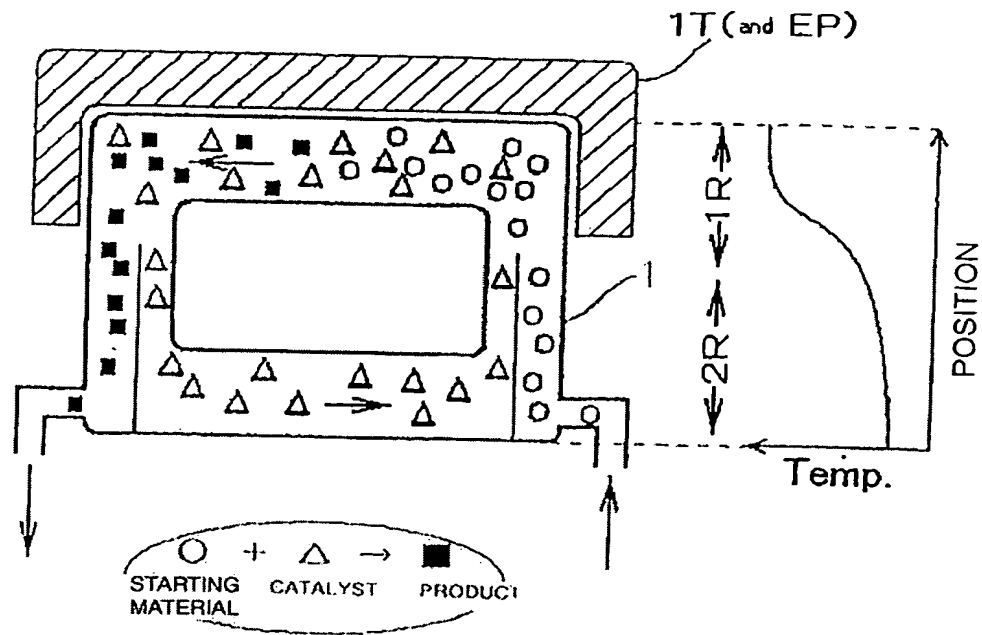


FIG. 19

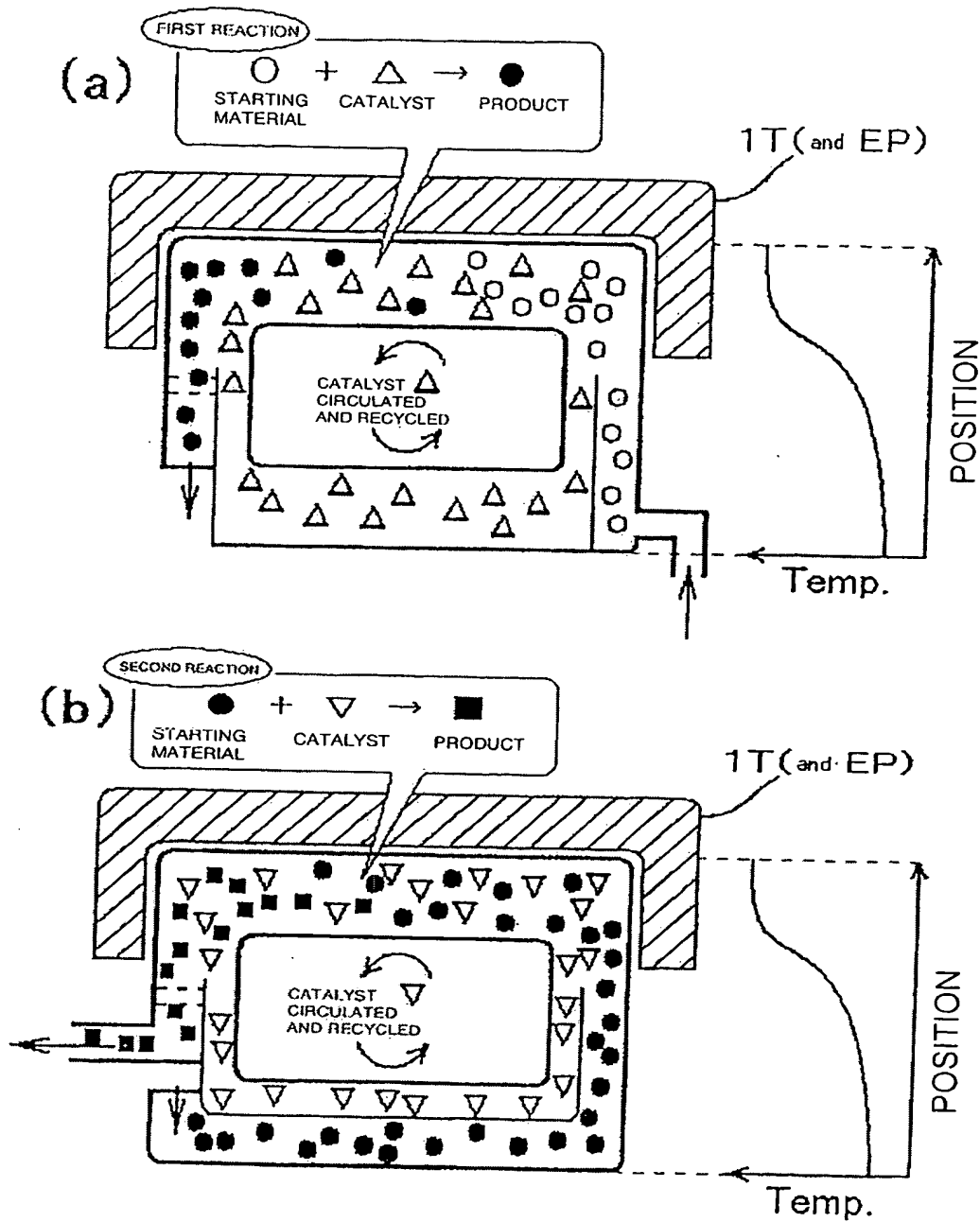


FIG. 20

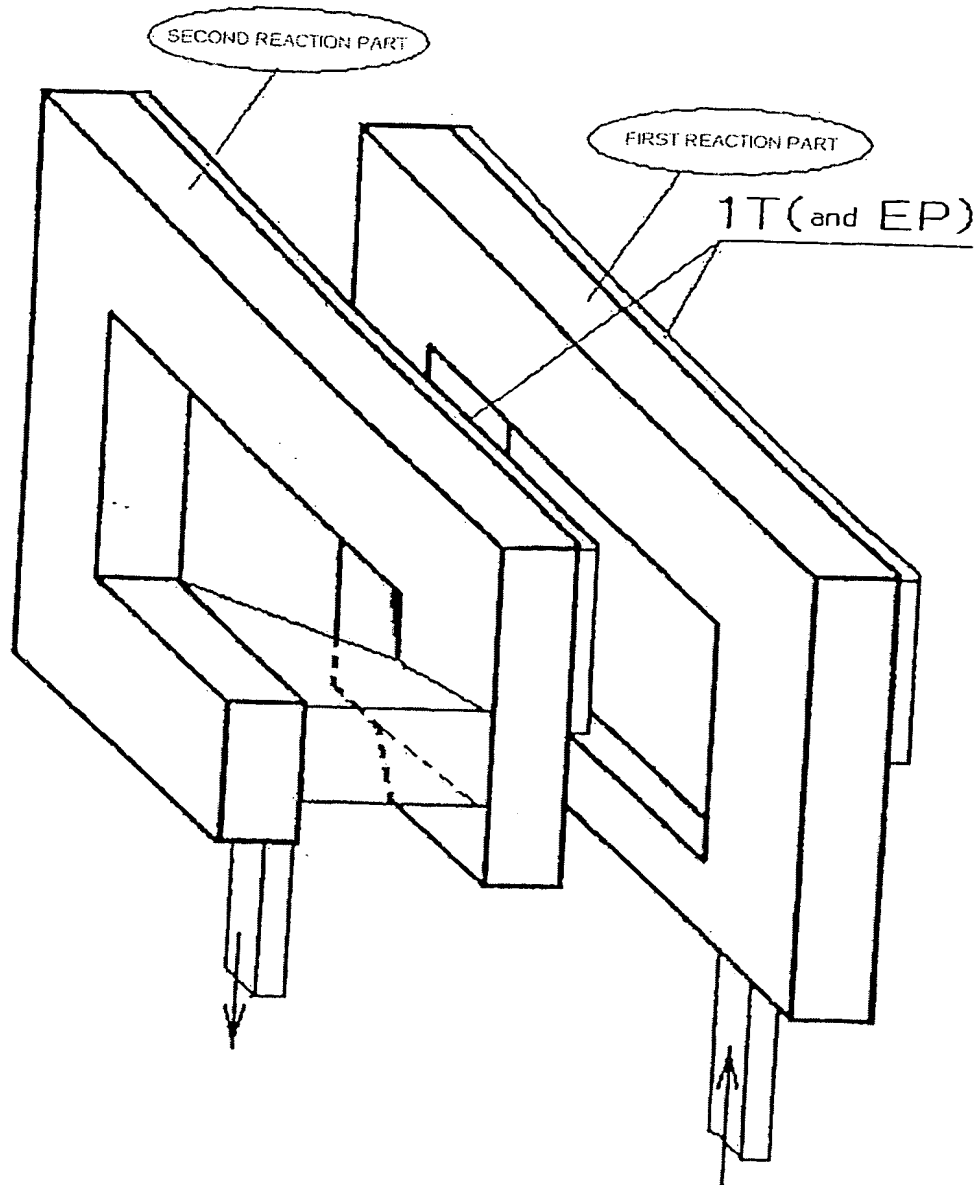


FIG. 21

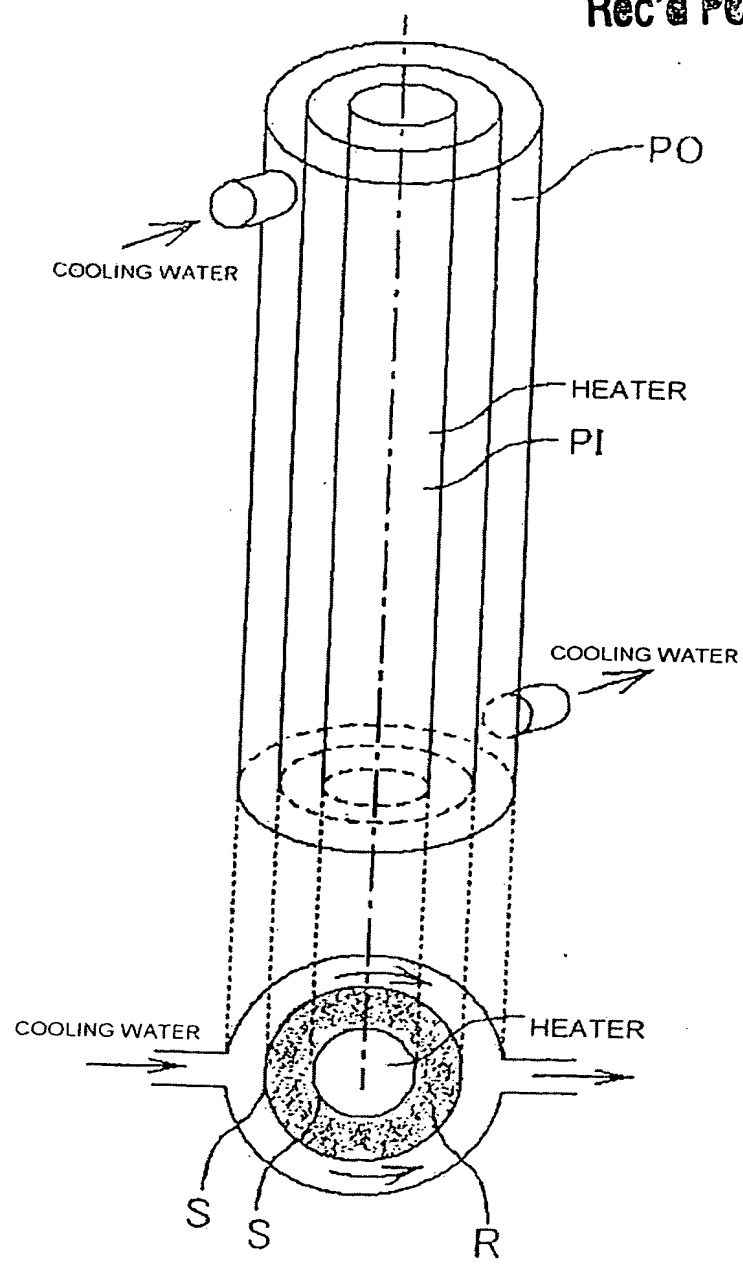
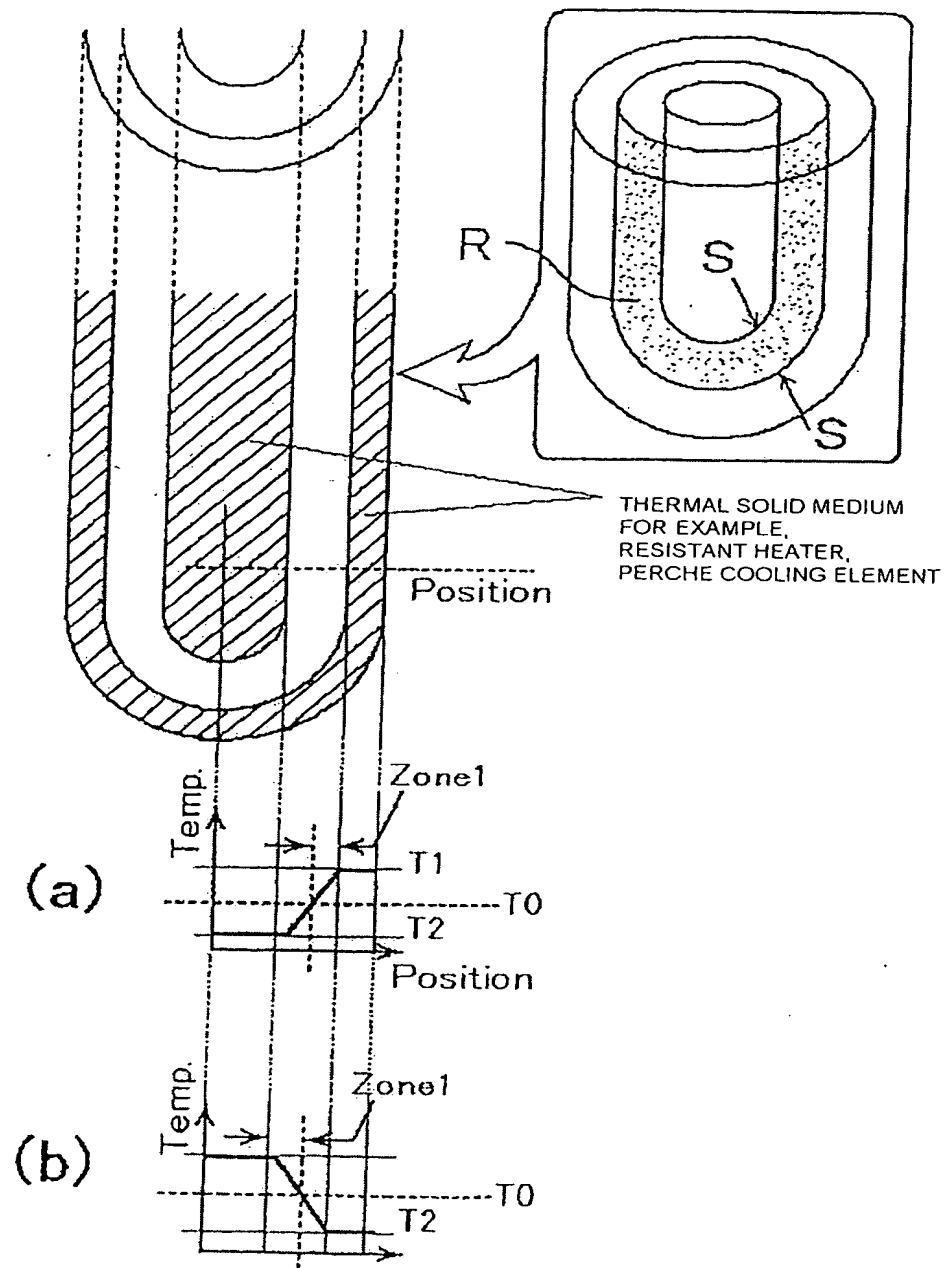


FIG. 22



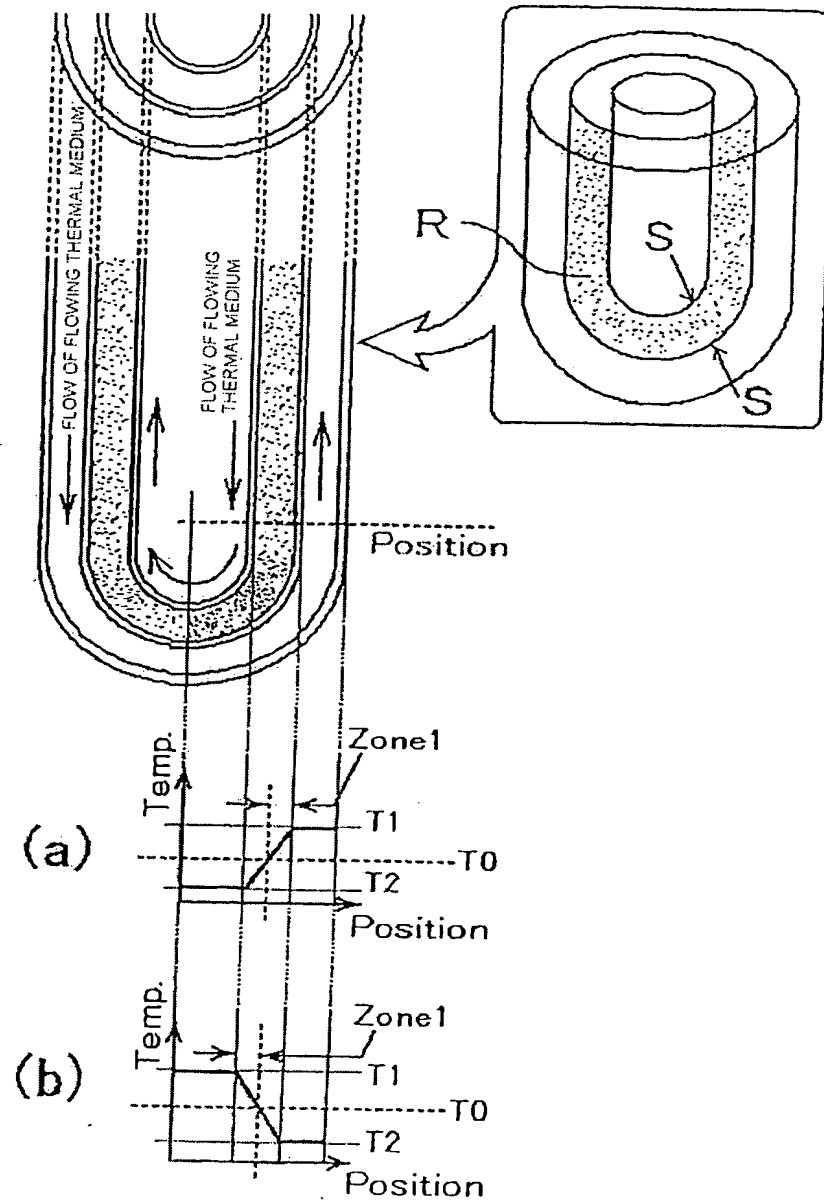


FIG. 24

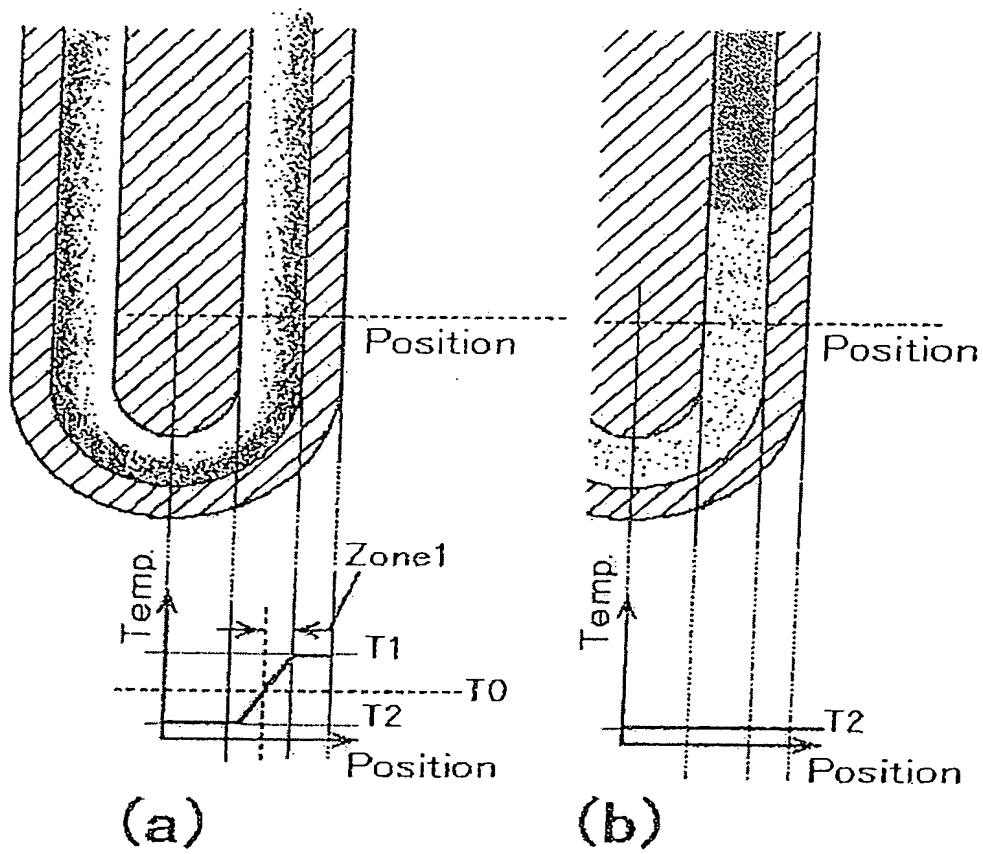


FIG. 25

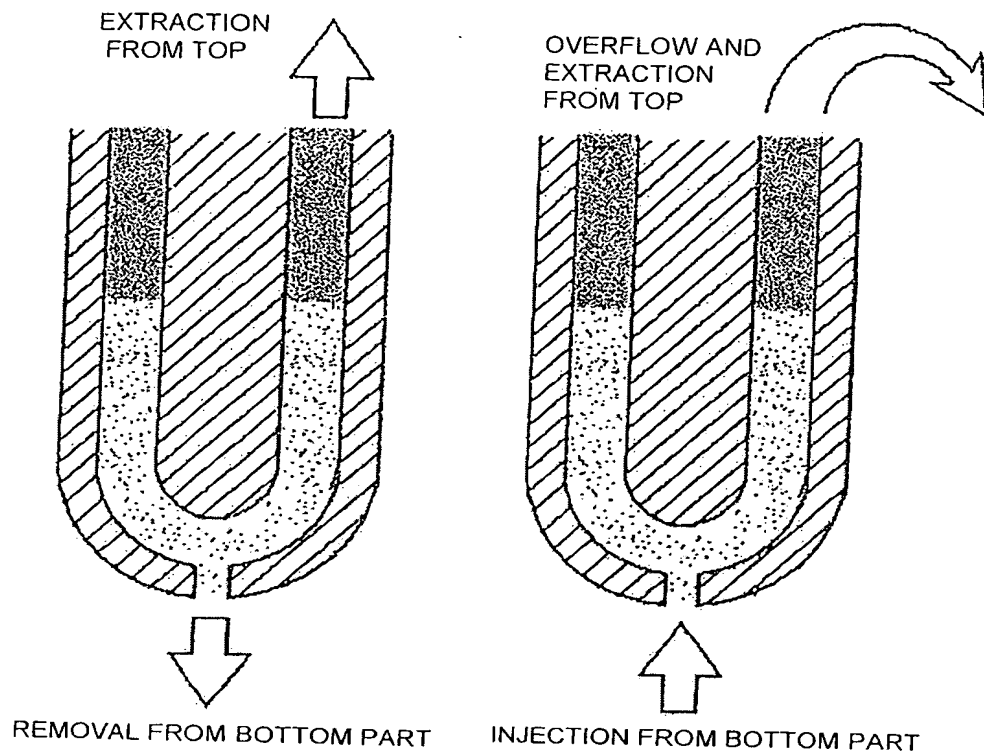


FIG. 26

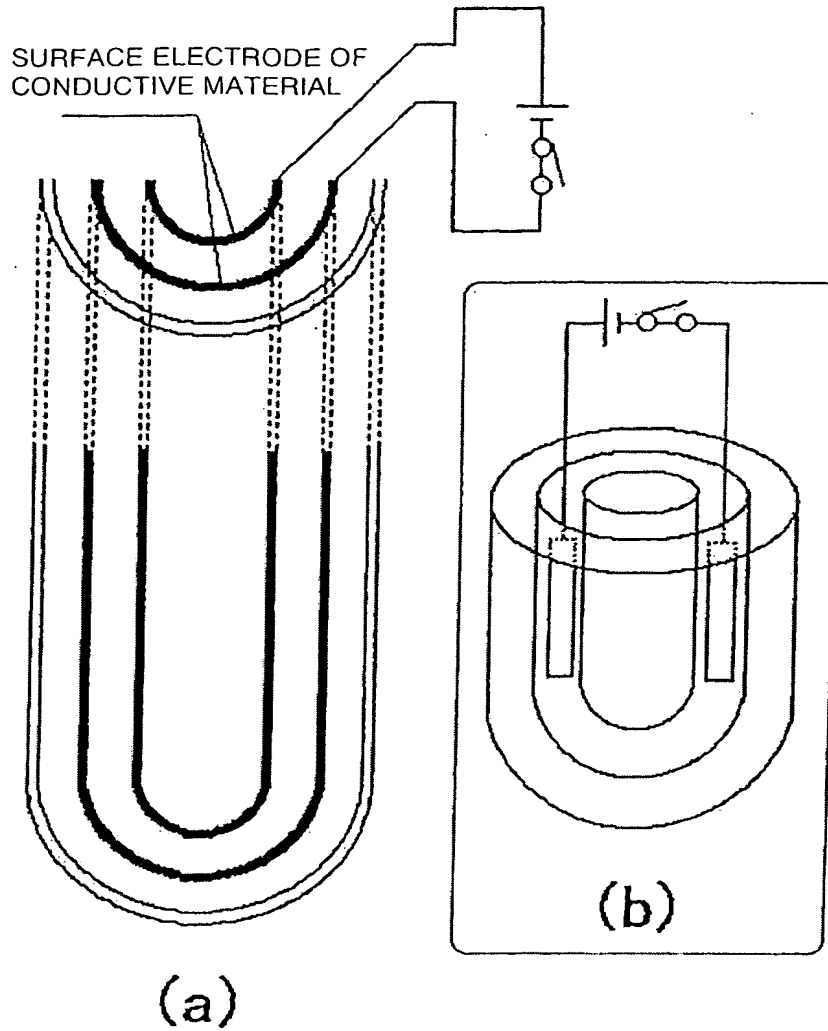


FIG. 27

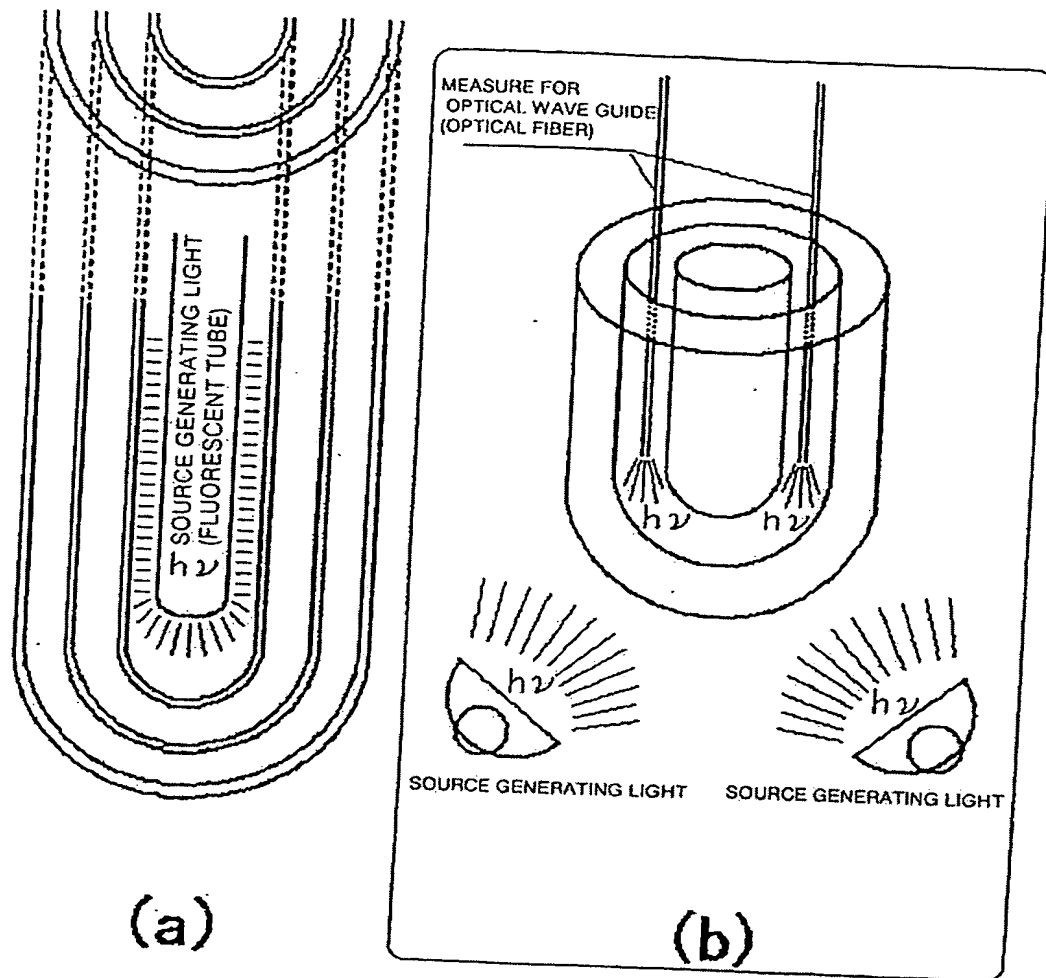
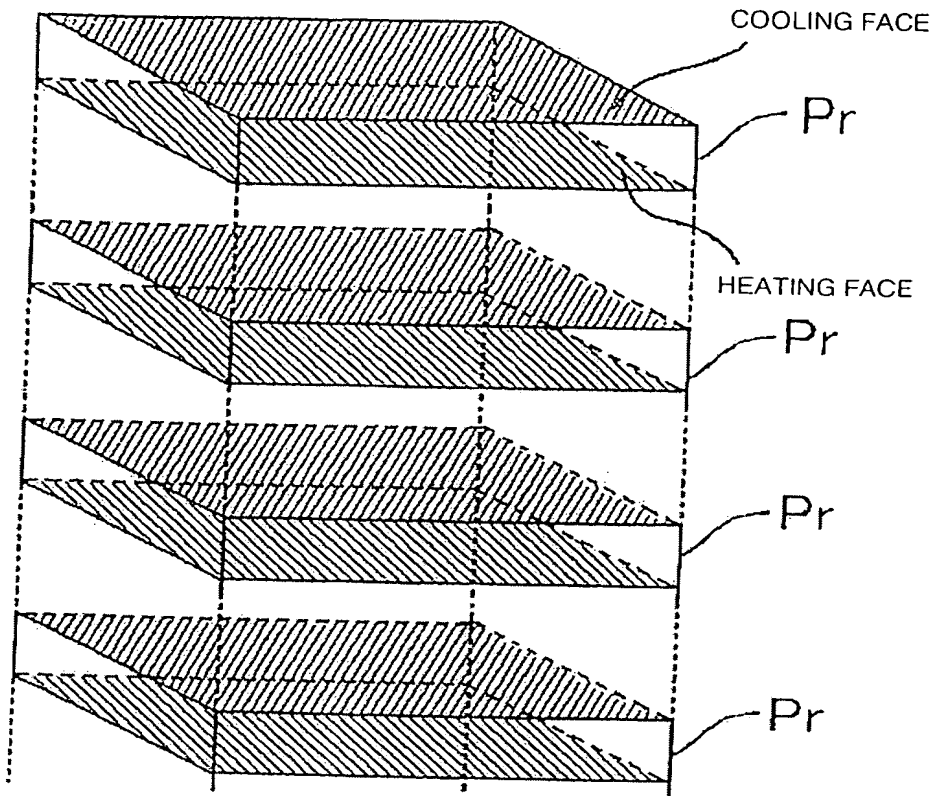
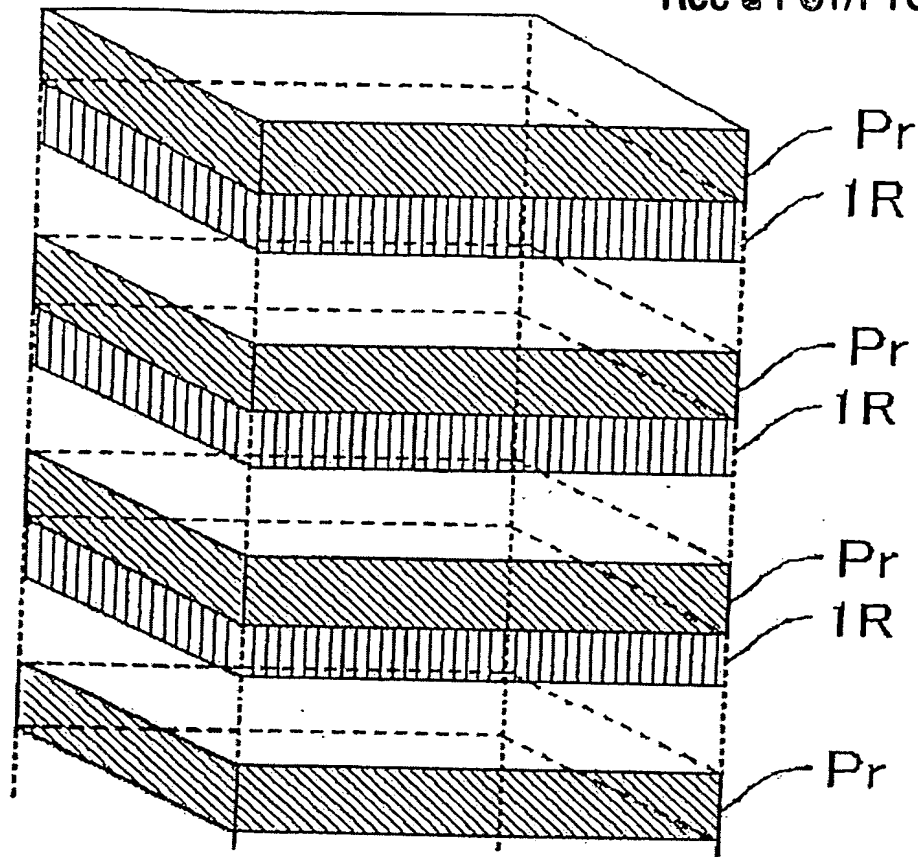


FIG. 28



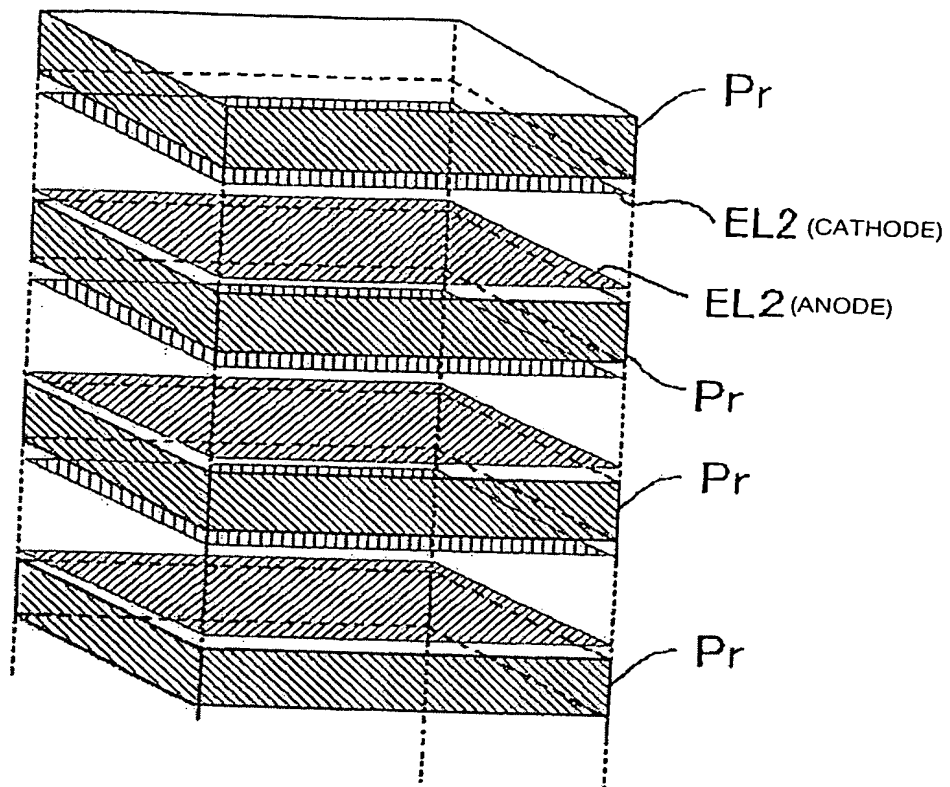
MULTI - STEP STRUCTURE OF PERCHE HEAT EXCHANGE ELEMENT
(UPPER FACE FOR COOLING AND LOWER FACE FOR HEATING)

FIG. 29



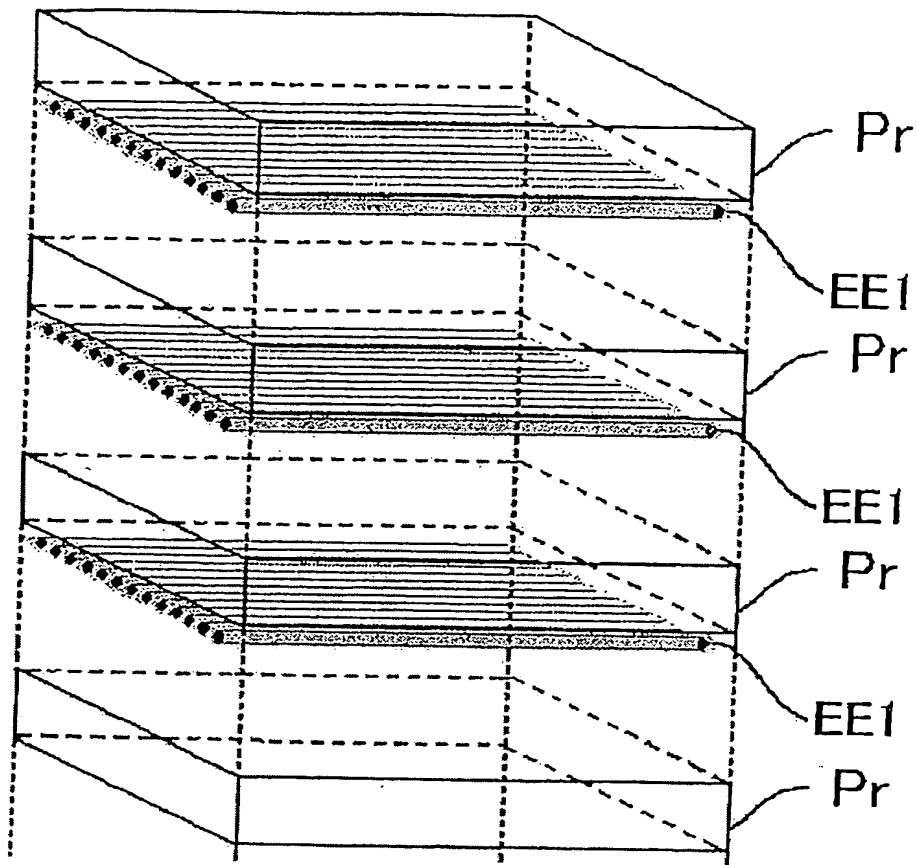
REACTION ZONE AT COMPATIBLE STATE
(ONE PARTIAL REGION UNDER TEMPERATURE CONTROL
WITH THE FIRST TEMPERATURE CONTROL MEASURE)

FIG. 30



INSERTING ELECTRODE (CATHODE) IN REACTION ZONE
AT COMPATIBLE STATE

FIG. 31



INSERTING LIGHT SOURCE FOR GIVING PHOTOENERGY
INTO REACTION ZONE AT COMPATIBLE STATE

FIG. 32

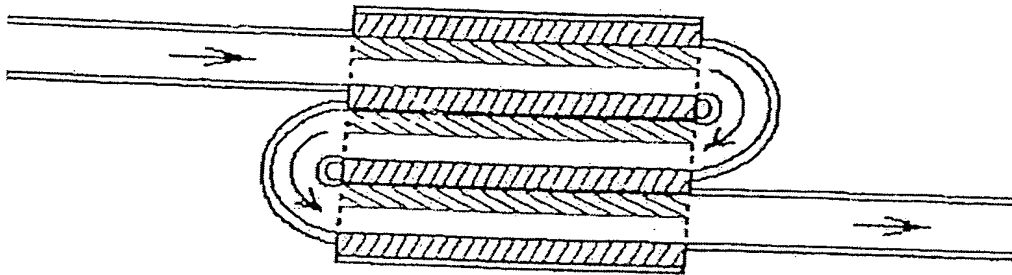


FIG. 33

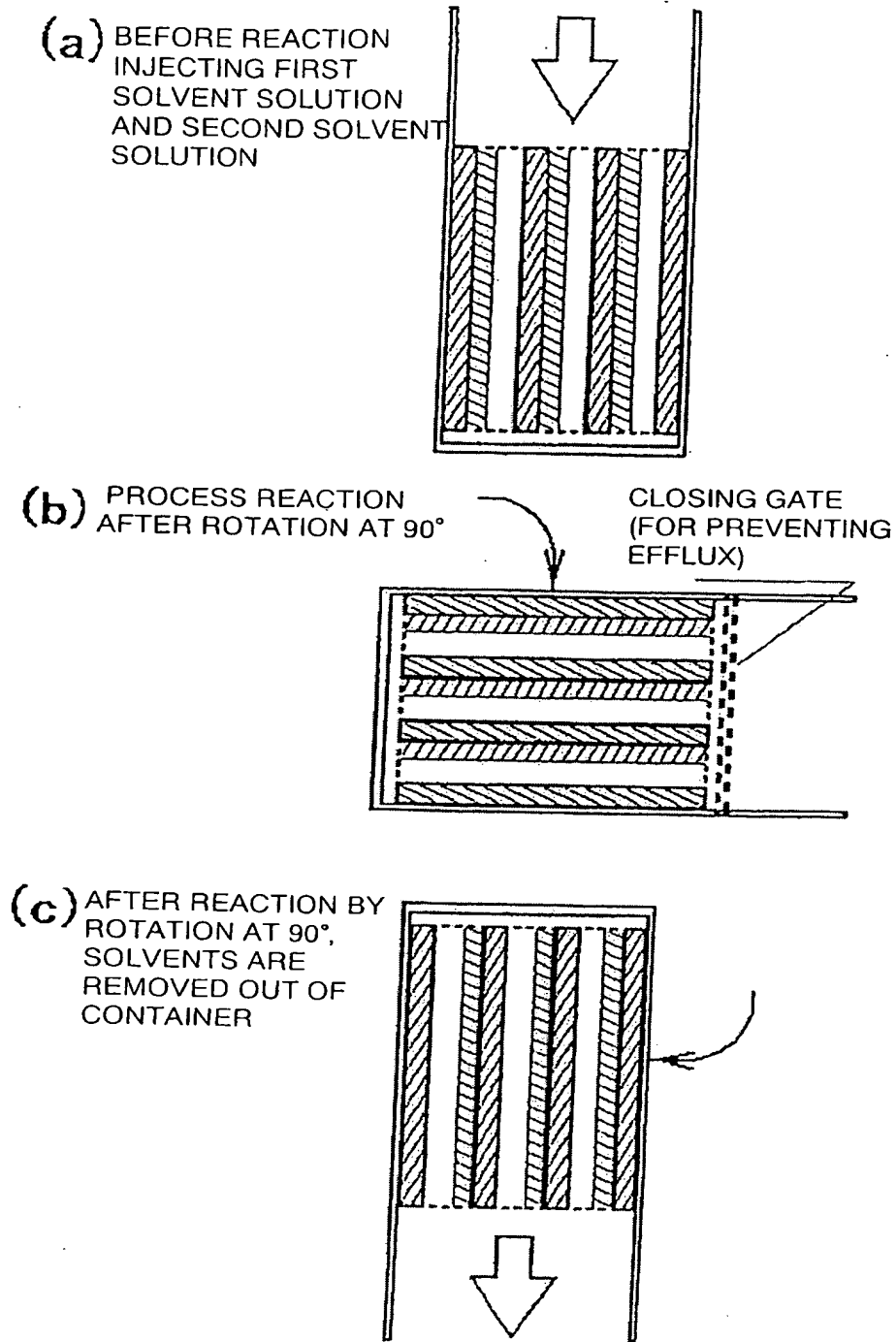
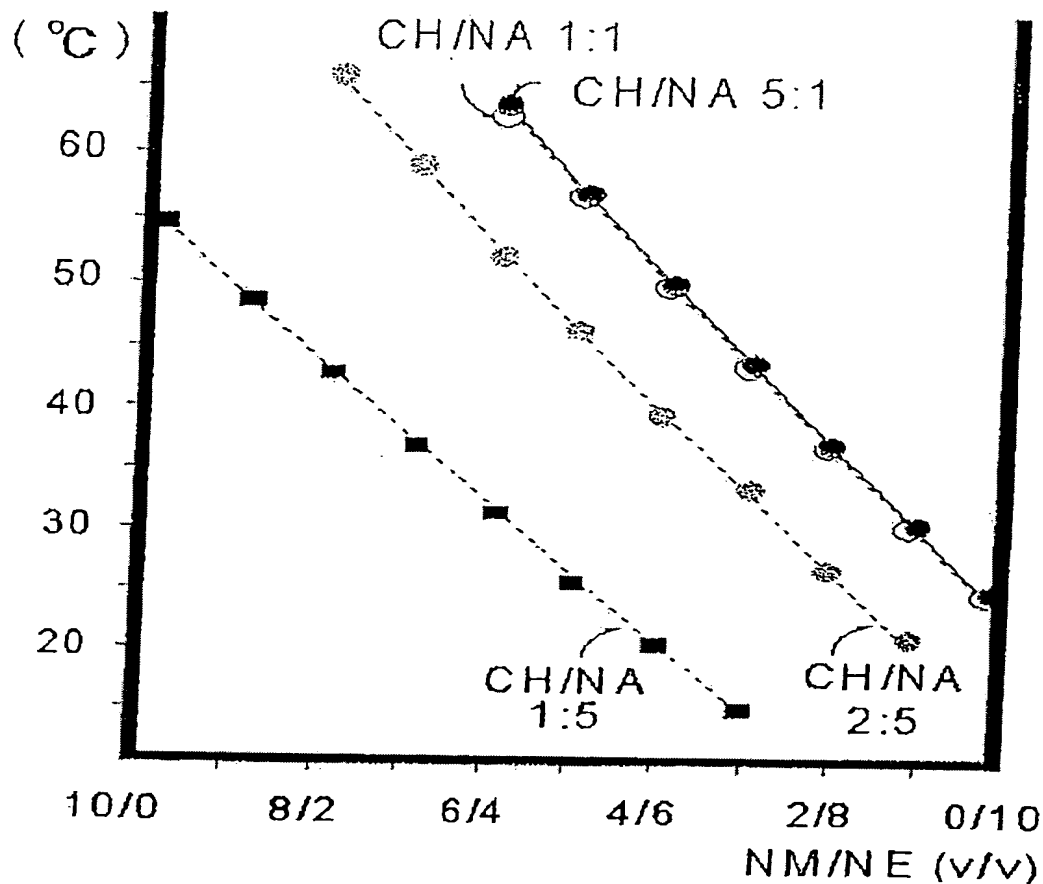


FIG. 34

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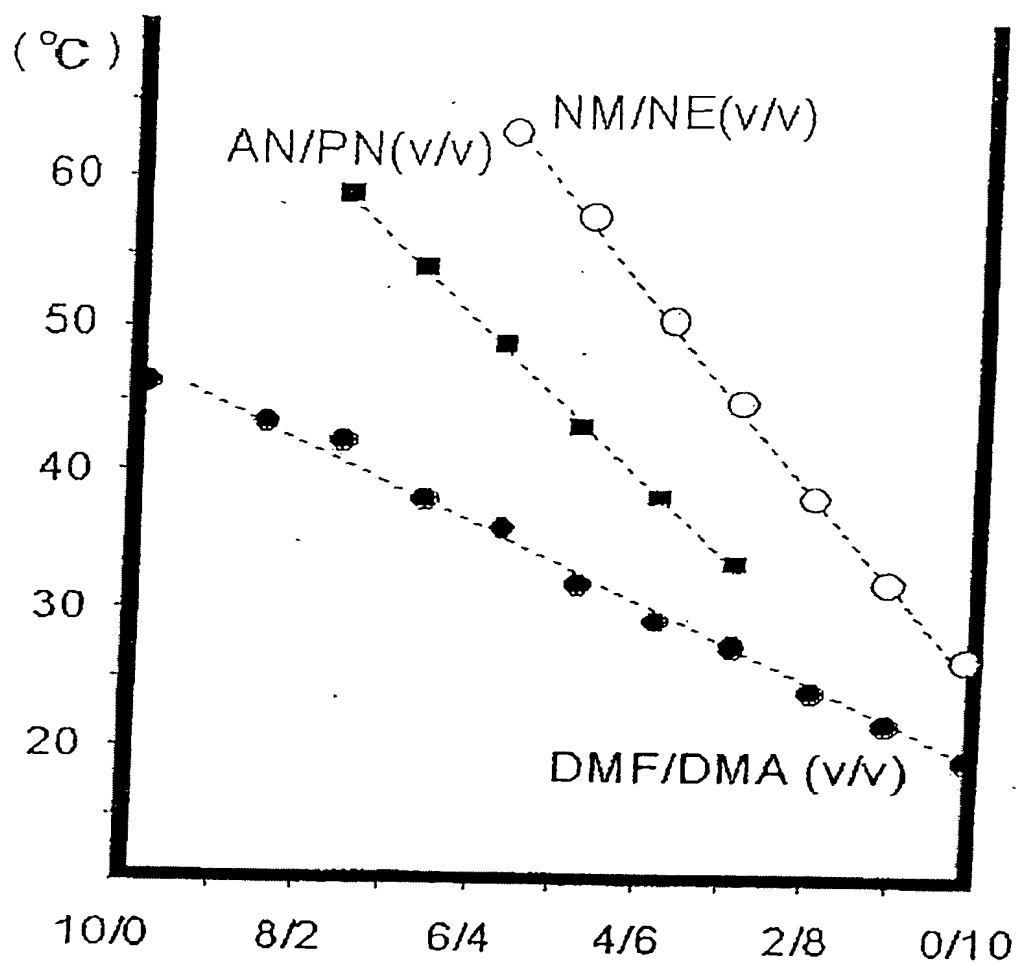


FIRST SOLVENT: CH: CYCLOHEXANE

SECOND SOLVENT: NA: NITROALKANE

→(NM: NITROMETHANE / NE: NITROETHANE)

FIG. 35



FIRST SOLVENT: CH: CYCLOHEXANE 50v%
SECOND SOLVENT 50v%

→ (NM: NITROMETHANE / NE: NITROETHANE)
→ (AN: ACETONITRILE / PN: PROPIONITRILE)
→ (DMF: DIMETHYLFORMAMIDE / DMA: DIMETHYLACETAMIDE)

FIG. 36